



# UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/091,627	03/06/2002	Yang	609920-600-025

CONFIRMATION NO. 1956

## FORMALITIES LETTER



\*OC000000007876203\*

Sandra B. Weiss  
Jones, Day, Reavis & Pogue  
77 West Wacker  
Chicago, IL 60601

Date Mailed: 04/16/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

### Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(l) and (p)(1));

*A copy of this notice **MUST** be returned with the reply.*

07/22/2002 MBELETE1 00000066 10091627

02 FC:205

65.00 DP

COPY OF PAPERS  
ORIGINAL FILED

10091627 071702

Melusmet hba  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

10091627.071702

Attorney's Docket No. 609920-600-025

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: YANG, et al.  
Serial No.: 10/091,627  
Filing Date: 03/06/2002  
For: METHOD FOR SYNTHESIZING  $5\beta$ ,  $6\beta$ -EPOXIDES OF STEROIDS BY A  
HIGHLY  $\beta$ -SELECTIVE EPOXIDATION OF  $\Delta^5$ -UNSATURATED STEROIDS  
CATALYZED BY KETONES

COMPLETION OF FILING REQUIREMENTS

Commissioner of Patents and Trademarks  
BOX MISSING PARTS  
Washington, D.C. 20231

COPY OF PAPERS  
ORIGINALLY FILED

- (check and complete this item, if applicable)
- I. ☒ This replies to the Notice to File Missing Parts of Nonprovisional Application mailed 04/16/2002.
- ☒ A copy of the Notice to File Missing Parts of Nonprovisional Application is enclosed.

DECLARATION OR OATH

- II. ☒ No declaration or oath was filed. Enclosed is the original declaration or oath for this application.

OR

- ☐ The declaration or oath which was filed was determined to be defective. A new original oath or declaration is attached.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

☒ deposited with the United States Postal Service under 37 C.F.R. § 1.8 on the date indicated below and is addressed to the Assistant Commissioner of Patents, Attn: Box Missing Parts Washington, D.C. 20231

Date: July 11, 2002

FACSIMILE

☐ transmitted by facsimile to the  
the U.S. Patent and Trademark Office

Merri C. Merrill  
Signature

Merri C. Merrill  
(type or print name of person certifying)

07/22/2002 HBELETE1 00000066 10091627

01 FC:215

55.00 0P

(complete (c) or (d), if applicable)

Attached is a

- (c) ☐ Statement by a registered attorney that the application filed in the PTO is the application which the inventor executed by signing the declaration.
- (d) ☐ Statement that the "attached" specification is a copy of the specification and any amendments thereto which were filed in the PTO to obtain the filing date.

#### AMENDMENT CANCELING CLAIMS

- III. ☐ Cancel claims \_\_\_\_\_ inclusive.

#### TRANSMITTAL OF ENGLISH TRANSLATION OF NON-ENGLISH LANGUAGE PAPERS

- IV. ☐ Submitted herewith is a verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the PTO.

#### SMALL ENTITY STATUS

- V. ☐ A verified statement that this filing is by a small entity

(check and complete applicable items)

- ☐ is attached
  - ☐ A separate refund request accompanies this paper.
- ☐ was filed on \_\_\_\_\_ (original)

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## COMPLETION FEES

### VI.

**WARNING:** Failure to submit the surcharge fees where required will cause the application to become abandoned. 37 CFR 1.53(d).

#### 1. Filing fee

- ☐ original patent application (37 CFR 1.16(a))—\$730.00;  
small entity—\$365.00 \$\_\_\_\_
- ☐ design application (37 CFR 1.16(f))—\$300.00;  
small entity—\$150.00 \$\_\_\_\_
- \$\_\_\_\_

#### 2. Fees for claims

- ☐ each independent claim in excess of 3 (37 CFR 1.16(b))—  
\$76.00; small entity—\$38.00 \$\_\_\_\_
- ☐ each claim in excess of 20 (37 CFR 1.16(c))—\$22.00;  
small entity—\$11.00 \$\_\_\_\_
- ☐ multiple independent claim(s) (37 CFR 1.16(d))—\$240.00;  
small entity—\$120.00 \$\_\_\_\_
- \$\_\_\_\_

#### 3. Surcharge fees

- ☐ late payment of filing fee
- and/or
- ☒ late filing of original declaration or oath  
37 CFR 1.16(e)—\$130.00; small entity—\$65.00; \$65.00

- 4. ☐ Petition and fee for filing by other than all  
the inventors  
or a person not the inventor  
(37 CFR 1.17(h) and 1.47)—\$130.00 \$\_\_\_\_

- 5. ☐ Fee for processing an application filed with a  
specification in a non-English language  
(37 CFR 1.17(k) and 1.52(d))—\$130.00 \$\_\_\_\_

- 6. ☐ Fee for processing and retention of application  
(37 CFR 1.21(l) and 1.53(d))—\$300.00 \$\_\_\_\_

- 7. ☐ Assignment (See "ASSIGNMENT COVER SHEET".)

Total completion fees \$65.00

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## EXTENSION OF TIME

VII.

(complete (a) or (b as applicable)

The proceedings herein are for a patent application and the provisions of 37 CFR 1.136(a) apply.

- (a) ☐ Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d) for the total number of months checked below:

Extension (months)	Fee for other than small entity	Fee for small entity
<input checked="" type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 400.00	\$ 200.00
<input type="checkbox"/> three months	\$ 950.00	\$ 475.00
<input type="checkbox"/> four months	\$ 1,510.00	\$ 755.00

Fee \$55.00

If an additional extension of time is required please consider this a petition therefor.

(check and complete the next item, if applicable)

- ☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ 110.00

or

- (b) ☐ Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.

### TOTAL FEE DUE

VIII.

The total fee due is

Completion fee(s)	\$65.00
Extension fee (if any)	\$55.00

TOTAL FEE DUE \$120.00

### PAYMENT OF FEES

IX.

- ☒ Enclosed is a check(s) in the amount of \$120.00
- ☐ Charge Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_  
A duplicate of this request is attached.

**AUTHORIZATION TO CHARGE ADDITIONAL FEES**

X.

**WARNING:** *Accurately count claims, especially multiple dependant claims, to avoid unexpected high charges if extra claims are authorized.*

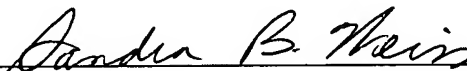
- ☒ The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the pendency of this application to Account No. 10-1202\_
- ☒ 37 CFR 1.16(a), (f) or (g) (filing fees)
- ☒ 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)
- ☒ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☒ 37 CFR 1.17 (application processing fees)

**WARNING:** While 37 CFR 1.17(a), (b), (c) and (d) deal with extensions of time under § 1.136(a) this authorization should be made only with the knowledge that: "Submission of the appropriate extension fee under 37 CFR 1.1367(a) is to no avail unless a request or petition for extension is filed." (Emphasis added). Notice of November 5, 1985 (1060 O.G. 27).

- ☐ 37 CFR 1.18 (issue fee at or before mailing Notice of Allowance, pursuant to 37 CFR 1.311(b))

Respectfully submitted,

Date: July 11, 2002



Sandra B. Weiss  
Reg. No. 30,814  
Attorney for Applicant

Tel. No.: (312) 782-3939

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Suite 3500  
77 West Wacker Drive  
Chicago, Illinois 60601-1692

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

YANG, et al.

Serial Number: 10/091,627

Filing Date: 03/06/2002

Title: METHOD FOR SYNTHESIZING 5 $\beta$ ,  
6 $\beta$ -EPOXIDES OF STEROIDS BY A  
HIGHLY  $\beta$ -SELECTIVE  
EPOXIDATION OF  
 $\Delta^4$ -UNSATURATED STEROIDS  
CATALYZED BY KETONES

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)  
) I hereby certify that this correspondence  
) is being deposited with the U.S. Postal  
) Service as First Class Mail in an  
) envelope addressed to Assistant  
) Commissioner of Patents,  
) Box missing parts  
) Washington, DC 20231 on 7-11-02  
) Merri C. Merrill  
) Merri C. Merrill  
)  
)

LETTER TO PATENT OFFICE DRAFTSMAN  
RE: SUBMISSION OF CORRECTED FORMAL DRAWINGS

Assistant Commissioner for Patents  
BOX Missing Parts  
Washington, DC 20231

Sir:

Pursuant to the Notice to File Missing Parts of Nonprovisional Application dated 04/16/2002, submitted herewith in the above-identified application are 35 pages of formal drawings corrected in accordance with the Examiner's comments.

Kindly substitute these drawings for the ones currently on file as appropriate.

This Letter is being submitted simultaneously with our Completion of Filing Requirements and our request for a one-month extension of time.

Respectfully submitted,

Sandra B. Weiss

Sandra B. Weiss  
Reg. No. 30,814

Date: July 11, 2002

JONES, DAY, REAVIS & POGUE  
77 West Wacker Drive  
Chicago, IL 60601-1692

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